Storelocatorpage

Store Locator Page This document aims to define the functionality and structure required to develop a Store Locator Page in a web application. The Store Locator Page allows users to find nearby store locations based on their preferences or geographical location. Overview ■ The Store Locator Page serves as a platform for users to search for and locate nearby stores, outlets, or branches of a business or service provider. It enables users to find store details, directions, and contact information. The Store Locator Page will consist of the following components: Displays an interactive map interface using a mapping library (e.g., Google Maps, Mapbox). Shows store locations, markers, and provides navigation controls. Presents a list of nearby stores in a structured format. Includes details such as store name, address, distance, and options for further actions. Provides search filters or input fields allowing users to search for specific stores by name, location, or category. Acts as the main container, rendering MapDisplayComponent, StoreListDisplayComponent, SearchStoresComponent, and other relevant components. Manages the layout, interactions, and data flow within the Store Locator Page. Functionality: ■ Display Store Locations ■ Renders an interactive map displaying nearby store locations with markers and navigation controls. List Nearby Stores ■ Presents a list of nearby stores with details such as store name, address, distance, and additional actions. Search Functionality ■ Provides search filters allowing users to search for specific stores by name, location, or category. Filters and displays relevant stores based on the search query. Testing: ■ Conducts unit tests for each component and functionality. Ensures accurate display and functionality of the map, nearby store lists, search features, and interactions within the Store Locator Page. Future Enhancements: ■ Implement user reviews or ratings for stores. Include additional store details such as store hours, contact information, or available services. Introduce geolocation services for automatic user location identification. Conclusion: ■ The Store Locator Page provides users with an intuitive and efficient way to find nearby stores, view store details, and obtain directions, enhancing their overall experience within the application.